# SIEMENS

### Data sheet

## 3VA5135-4EC32-0AA0



circuit breaker 3VA5 UL frame 125 breaking capacity class S 25kA @ 480 V 3-pole, line protection TM230, FTAM, In=35A overload protection Ir=35A fixed short-circuit protection Ii=5...10 x In nut keeper kit on both sides

Model			
product brand name	SENTRON		
product designation	Molded-case circuit breaker		
product designation / according to UL file	SEAS		
Product version	System protection		
design of the load switch / according to UL 489 / Heating, Air Conditioning, and Refrigeration circuit breaker (HACR Type)	Yes		
design of the load switch / according to UL 489 / High- Intensity-Discharge circuit breaker (HID Type)	Yes		
design of the load switch / according to UL 489 / Switching Duty circuit breaker (SWD Type)	No		
design of the overcurrent release	TM230		
protection function of the overcurrent release	LI		
number of poles	3		
General technical data			
rated insulation voltage Ui	800 V		
Max. rated operational voltage Ue with DC	500 V		
operating voltage / at AC / rated value	690 V		
power loss [W] / maximum	11.4 W		
Active power loss / for rated value of the current / at AC / in hot operating state / per pole	3.8 W		
mechanical service life (switching cycles) / typical	20 000		
Electrical endurance (switching cycles) / at AC-1 / at 380/415 V 50/60 Hz	8 000		
Electrical endurance (switching cycles) / at AC-1 / at 690 V 50/60 Hz	4 000		
electrical endurance (switching cycles) / at 480 V	8 000		
electrical endurance (switching cycles) / at 600 V	4 000		
Neutral conductors / upgradeable/retrofittable	No		
ground-fault monitoring version	without		
product function			
<ul> <li>communication function</li> </ul>	No		
<ul> <li>other measurement function</li> </ul>	No		
Net Weight	1.034 kg		
Current			
marking / according to UL 489 / 100%-rated breaker	No		
operational current			
• at 40 °C	35 A		
● at 45 °C	34 A		
● at 50 °C	34 A		

• et 65 °C         33 Å           • et 65 °C         33 Å           • et 65 °C         32 Å           • et 70 °C         32 Å           • et 45 °C         32 Å           • et 65 °C         32 Å           • et 65 °C         32 Å           • et 65 °C         32 Å           • et 64 °C         32 Å           • et 415 °V         55 Å           • et 415 °V         35 Å           • et 415 °V         36 Å           • et 415 °V         75 Å Å           • et 890 °V         75 Å           For switching power values in DC networks, see the 37 Å molded case crue breaker device manual; link to be found under Service & Support in the tet chapter           Switching capacity according to UL 489         •           • et 800 °V         25 Å           • at 800 °V         35 Å <t< th=""><th>e at 55 °C</th><th>22. \</th></t<>	e at 55 °C	22. \
• aft 0° C     92 A       Switching capacity according to IEC 65947     92 A       Switching capacity cass of the circuit breaker     S       • aft 45 V     56 kA       • aft 45 V     75 kA       • aft 45 V     75 kA       • aft 80 V     25 kA       • aft 80 V     35 A       <		
self 70 °C     92 A       Switching capacity according to IEC 60947     self for according to IEC 60947       • all 240 V     55 kA       • all 240 V     55 kA       • all 260 V     55 kA       • all 260 V     55 kA       • all 260 V     56 kA       • all 450 V     75 6 kA       • all 450 V     75 6 kA       • all 450 V     75 kA       • all 450 V     25 kA       • all 450 V <td< td=""><td></td><td></td></td<>		
Switching capacity according to IEC 60947         S           switching capacity dass of the circuit breaker         S           • at 240 V         36 kA           • at 450 V         36 kA           • at 260 V         7.5 kA           Port-circuit current making capacity (cm)         • at 270 V           • at 800 V         7.5 kA           Portaring capacity according to UL 499         7.6 kA           • at 480 V         45 kA           • at 480 V         55 kA           • at 48		
switching capacity daso file diruli breaker         S           breaking capacity maximum short-circuit current ((cu)         65 kA           • at 36 V         36 kA           • at 41 V         36 kA           • at 42 V         36 kA           • at 45 V         36 kA           • at 44 V         85 kA           • at 450 V         56 kA           short-circuit current making capacity (cm)         5 kA           • at 450 V         75 6 kA           • at 450 V         75 6 kA           • at 450 V         75 6 kA           • at 460 V         65 kA           • at 480 V         45 kA           • at 480 V         35 A           • Ground fait preaterior intriging switchable / I2E=0NOFF         No           Mechanical Design         551 in		
Dreaking capacity maximum short-circuit current (fcu)       55 kA         • at 450 V       75 kA         • at 420 V       65 kA         • at 420 V       25 kA         • at 420 V       65 kA         • at 420 V       75 kA         Foround fault protection / tipping switchable / L2=ONCFF </td <td></td> <td>S</td>		S
		55 kA
• at 690 V         5 kA           breaking capacity operating short-circuit current (lcs)         85 kA           • at 24 0 V         36 kA           • at 800 V         5 kA           short-circuit current making capacity (lcm)         121 kA           • at 240 V         75 kA           • at 360 V         75 kA           design of short-circuit protection         For switching power values in DC networks, see the 3VA molded case circuit breaker device manual; link to be found under Service & Support in the slot chapter           Switching capacity according to UL 499         Ebeaking capacity current           breaking capacity according to UL 499         Ebeaking capacity current           • at 480 V         25 kA           • at 480 V         25 kA           • at 600 Y/347 V         14 kA           Adjustable response value current / Ig min.         35 A           Adjustable response value current / Ig min.         35 A           Adjustable response value current / Ig min.         35 A           Adjustable response value current / Ig min.         35 A           Adjustable response value current / Ig min.         35 A           Adjustable response value current / Ig min.         35 A           Adjustable response value current / Ig min.         35 A           Adjustable response value current / Ig min.		
breaking capacity operating short-circuit current (Ics)     85 kA       • at 240 V     36 kA       • at 450 V     5 kA       short-circuit current making capacity (tem)     121 kA       • at 240 V     121 kA       • at 240 V     75 6 kA       • at 240 V     75 6 kA       • at 260 V     75 6 kA       design of short-circuit protection     For switching power values in DC networks, see the 3VA molded case circuit breaker device manual; link to be found under Service & Support in the last chapter       Switching capacity current     65 kA       • at 260 V     25 kA       • at 360 V 274 V     14 kA       Adjustable response value current / Ig min.     35 A       Adjustable response value current / Ig min.     35 A       Ground fault protection / Irging switchable / I2t=ONOFF     No       Mechanical Design     55 min       Height [m]     5.51 in       Height [m]     5.62 min       Ground fault protection / Irging switchable / I2t=ONOFF       No     No       Wath     7.62 mm       Connectable conductor cross-section, connection       Ground fault protection / for m		
e ai 240 V       85 kA         e at 415 V       36 kA         shot-circuit current making capacity (tom)       121 kA         e at 240 V       121 kA         e at 240 V       75.6 kA         design of short-circuit protection       crawtiching power values in DC networks, see the 3VA moded case         for switching capacity according to UL 489       For switching power values in DC networks, see the 3VA moded case         Switching capacity according to UL 489       Every see the 3VA moded case         breaking capacity current       65 kA         • at 480 V       25 kA         • at 600 V/347 V       14 kA         Adjustable response value current / g min.       35 A         Adjustable response value current / g min.       35 A         Ground fault protection / fupping switchable //2E-DNOFF       No         Mechanical Design       5.51 in         height [n]       5.51 in         height [n]       30.1 in         depth       76.5 mm         Connection       front connection         actual       S.51 in         height [n]       30.1 in         depth [n]       30.1 in         depth [n]       76.5 mm         Connection       in         act electrical connectors	breaking capacity operating short-circuit current (lcs)	
• at 690 V     5 kA       short-circuit current making capacity (tem)     121 kA       • at 415 V     75.5 kA       design of short-circuit protection     For switching power values in DC networks, see the 3VA motided case trut threaker device menual; link to be found under Service & Support in the last chapter       Switching capacity according to UL 480     Exercise menual; link to be found under Service & Support in the last chapter       Switching capacity current     65 kA       • at 240 V     65 kA       • at 480 V     25 kA       • at 480 V     25 kA       • at 480 V     35 A       Adjustable parameters     Adjustable response value current / Ig min.       35 A     36 ka       Adjustable parameters     No       Mechanical Design     Mon       Mechanical Design     140 mm       width     76.5 mm       Connections     76.5 mm       Connections     76.5 mm       Connections     17 x 6.5 mm       Connection / for main current circuit     nut keeper kit on both ends       Type of connectable conductor cross-section, connection     17 x 6.5 mm       Auxiliary circuit     No       Product component     No       • undervillage release     No       • voltage riggers     No       • voltage riggers     No		85 kA
short-circuit current making capacity (Icm)       121 kA         • at 240 V       75.6 kA         • at 459 V       75.6 kA         • at 690 V       75.6 kA         design of short-circuit protection       For switching power values in DC networks, see the 3VA motided case forcuit breaker device manual; link to be found under Service & Support in the last chapter         Switching capacity according to UL 489       Enseker device manual; link to be found under Service & Support in the last chapter         Switching capacity current       65 kA         • at 240 V       65 kA         • at 240 V       25 kA         • at 240 V       25 kA         • at 600 V/347 V       14 kA         Adjustable response value current / Ig min.       35 A         Ground fault protection / tripping switchable / I2t=ON/OFF       No         Mechanical Design       5.61 in         height [in]       40 mm         vidth [in]       3 in         Width       76.2 mm         depth [in]       3.01 in         depth [in]       3.01 in         trick       7x 6.5 mm         Connectable conductor cross-section, connection       12 x 1 mm         trick       No       12 x 1 mm         videor descrifical connectors / for main current circuit       1	• at 415 V	36 kA
• at 240 V       121 kÅ         • at 415 V       75 k Å         • at 600 V       75 kÅ         design of short-circuit protection       For switching power values in DC networks, see the 3VA molded case of circuit breaker device manual; link to be found under Service & Support in the last chapter         Switching capacity according to UL 489	• at 690 V	5 kA
	short-circuit current making capacity (lcm)	
• at 880 V       7.5 kA         design of short-circuit protection       For switching power values in DC networks, see the 3VA molded case circuit breaker device manual; link to be found under Service & Support in the last chapter         Switching capacity according to UL 489       Environmental Control of SkA         breaking capacity current       65 kA         • at 480 V       25 kA         • at 480 V       25 kA         • at 480 V       25 kA         • at 480 V       35 A         Adjustable response value current / Ig min.       35 A         Adjustable response value current / Ig min.       35 A         Adjustable response value current / Ig min.       35 A         Roround fault protection / tripping switchable / 12t=ON/OFF       No         Mechanical Design       140 mm         width [in]       5 fit in         Height [in]       6 fit in         depth [in]       6 fit mm         depth [in]       6 fit mm         depth [in]       76 z mm         depth [in]       76 s mm         Connection       10 mm         strangement of electrical connectors / for main current circuit       nut keeper kit on both ends         Type of electrical connectors / for main current circuit       nut keeper kit on both ends         Type of co	• at 240 V	121 kA
design of short-circuit protection       For switching power values in DC networks, see the 3VA molded case drive threaker draves manual; link to be found under Service & Support in the last chapter         Switching capacity according to UL 499       Every draves draves dravates in DC networks, see the 3VA molded case draves manual; link to be found under Service & Support in the last chapter         Switching capacity according to UL 499       Esk A         breaking capacity current       65 kA         • at 480 V       25 kA         • at 480 V       35 A         Adjustable parametes       Adjustable parametes         Adjustable response value current / Ig min.       35 A         Adjustable response value current / Ig min.       35 A         Midchanical Design       5.51 in         Height [m]       5.51 in         Height [m]       3.01 in         depth       76.5 mm         Connections       Front connection         arrangement of electrical connectors / for main current circuit       rut keeper kit on both ends         Type of connectable conductor cross-section, connection screw, width x thickness, min.       17 x 6.5 mm         Type of connectable conductor cross-section, connection screw, width x thickness, min.       17 x 6.5 mm         Accessories       No       No         product component       No       No <t< td=""><td>• at 415 V</td><td>75.6 kA</td></t<>	• at 415 V	75.6 kA
circuit breaker device manual; link to be found under Service & Support in the last chapter         Switching capacity according to UL 499         breaking capacity according to UL 490         • at 480 V         • at 600 Y1347 V         Adjustable response value current / Ig min.         Adjustable response value current / Ig min.         Ground fault protection / tripping switchable / I2t=ON/OFF         No         Mechanical Design         height [in]       5.51 in         Height [in]       5.51 in         Height [in]       3.01 in         depth       76.5 mm         Connections       ramagement of electrical connectors / for main current circuit         type of electrical connector cross-section, connection       rat x 1 mm         strue width x thickness, max.       12 x 1 mm         Auxillary clocult       romodector cross-section, connection         strue width x thickness, max.       0         Auxillary clocult       No         ounder beleager	• at 690 V	7.5 kA
breaking capacity current     eit 240 V     65 kA       • eit 240 V     65 kA       • eit 480 V     25 kA       • at 600 Y/347 V     14 kA       Adjustable response value current / Ig min.     35 A       Adjustable response value current / Ig min.     35 A       Ground fault protection / tripping switchable / I2E-ON/OFF     No       Machanical Dosign     5.51 in       Height     140 mm       width [in]     5.51 in       Height in]     3.01 in       depth     76.2 mm       depth     76.5 mm       Connections     Front connection       arrangement of electrical connectors / for main current circuit     Front connection       Type of electrical connector / for main current circuit     Tx 1 mm       Type of electrical connection / for main current or circuit     12 x 1 mm       Type of connectable conductor cross-section, connection sorew, width x thickness , min.     17 x 6.5 mm       Audiary circuit     No     17 x 6.5 mm       Product component     No     0       • undervoltage release     No       • vidtage trigger     No       • vidtage trigger     No       • trip indicator     No       number of CO contacts / for auxiliary contacts     0       Accessories     Ves       protec	design of short-circuit protection	circuit breaker device manual; link to be found under Service & Support
e at 240 V     e at 840 V         25 kA     e at 840 V         25 kA     at 840 V         25 kA     Adjustable parameters     Adjustable response value current / Ig min. 35 A     Adjustable response value current / Ig min. 35 A     Adjustable response value current / Ig min. 35 A     Adjustable response value current / Ig min. 35 A     Adjustable response value current / Ig min. 35 A     Adjustable response value current / Ig min. 35 A     Adjustable response value current / Ig min. 35 A     Adjustable response value current / Ig min. 35 A     Adjustable response value current / Ig min. 35 A     Connot fault protection / tripping switchable / 12t=ON/OFF     No     Mechanical Design     Height (in)     Height 140 mm     width (in)     Soft in     Height 3 in     Width     To2.2 mm     depth [in]     depth 76.5 mm     Connections     arrangement of electrical connectors / for main current     ircuit     Type of connectable conductor cross-section, connection     screw, width x thickness , min.     Type of connectable conductor cross-section, connection     screw, width x thickness , max.     Axxiliary circuit     product component	Switching capacity according to UL 489	
et 480 V     et 600 Y/347 V     14 kA  Adjustable presente value current / Ig min.     Adjustable response value current / Ig min.     Adjustable response value current / Ig min.     Adjustable response value current / Ig min.     S5 A     Adjustable response value current / Ig min.     S5 A     Ground faut protection / tripping switchable / I2t=ON/OFF     No  Mechanical Design     height [in]     S51 in     Height     In]     S51 in     Height [in]     S51 in     Height [in]     S51 in     Genand and protection / tripping switchable / I2t=ON/OFF     No      Mechanical Design     Height [in]     S51 in     Height [in]     S55 in     Height [in]     S55 in     To for connection     If vicin     If of electrical connectors / for main current     inut keeper kit on both ends     Type of cenectable conductor cross-section, connection     screw, with x thickness, min.     Type of connectable conductor cross-section, connection     screw, with x thickness, min.     Type of connectable conductor cross-section, connection     increw with x thickness, max.  Auxiliary circuit     product conductor / for auxiliary contacts     No     indervoltage release     No     indervoltage release     No     indervoltage release     No     induct onponent     undervoltage release     No     induct onponent     induct on fortor     induct of IP on the font     ambient temperature     induring operation / maximum     70 °C     iduing operation / minimum     40 °C	breaking capacity current	
• at 600 Y/347 V         14 kA           Adjustable parameters         35 A           Adjustable response value current / lg min.         35 A           Ground fault protection / tripping switchable / l2t=ON/OFF         No           Mechanical Design         5.51 in           height [in]         5.51 in           Height         140 mm           width         76.2 mm           depth         76.2 mm           depth         76.5 mm           Connections         arrangement of electrical connectors / for main current circuit           Type of connectable conductor cross-section, connection screw, width x thickness, max.         12 x 1 mm           Adjustable release         No           • voltage trigger         No           • trip indicator         Index onlase in / on the front           product extension / optional / motor drive         Yes           product asension / maximum         -25 °C           • during operation / maximum         -725 °C           • during operation / maximum         -725 °C	• at 240 V	65 kA
Adjustable parameters       35 A         Adjustable response value current / Ig min.       35 A         Adjustable response value current / Ig min.       35 A         Ground fault protection / tripping switchable / I2t=ON/OFF       No         Mechanical Design       5.51 in         Height [in]       5.51 in         Height [in]       3 in         Width       76.2 mm         depth [in]       3.01 in         depth       76.5 mm         Connections       man.current circuit         arrangement of electrical connectors / for main current circuit       nut keeper kit on both ends         Type of connectable conductor cross-section, connection screw, width x thickness, min.       12 x 1 mm         Type of connectable conductor cross-section, connection screw, width x thickness, max.       12 x 1 mm         Auxiliary circuit       No       12 x 6.5 mm         product component       • undervoltage release       No         • voltage trigger       No       No         number of CO contacts / for auxiliary contacts       0       Accessories         product component       • undervoltage release       No         • voltage trigger       No       0         Accessories       product extension / optional / motor drive       Yes <td>• at 480 V</td> <td>25 kA</td>	• at 480 V	25 kA
Adjustable response value current / Ig min.       35 A         Adjustable response value current / Ig min.       35 A         Ground fault protection / tripping switchable / I2t=ON/OFF       No         Mechanical Design       5.51 in         Height [in]       5.51 in         Height [in]       3.01         Width       76.2 mm         depth       3.01 in         Connections       76.5 mm         arrangement of electrical connectors / for main current       Front connection         circuit       Type of connectable conductor cross-section, connection         screw, width x thickness, max.       17 x 6.5 mm         Auxiliary circuit       No         product component       .01         • voltage trigger       No         • product component       Ves         environmental conditions       Yes         product component       .01         • undervoltage trigger       No         number of CO contacts / for auxiliary contacts       0         Accessories		14 kA
Adjustable response value current /lg min.       35 A         Ground fault protection / tripping switchable / I2t=ON/OFF       No         Mechanical Design       5.51 in         height [in]       5.51 in         Height       140 mm         width [in]       3 in         Width       76.2 mm         depth [in]       3.01 in         depth [in]       3.01 in         depth       76.5 mm         Connections       arrangement of electrical connectors / for main current circuit         Type of connectable conductor cross-section, connection screw, width x thickness, min.       12 x 1 mm         Type of connectable conductor cross-section, connection screw, width x thickness, min.       17 x 6.5 mm         Auxiliary circuit       No       No         product component       No       No         • undervoltage release       No       No         • voltage trigger       No       No         number of CO contacts / for auxiliary contacts       0         Accessories       Product extension / optional / motor drive       Yes         Ervironmental conditions       IP40         ambient temperature       -25 °C       -40 °C         • during operation / minimum       -25 °C       -25 °C	Adjustable parameters	
Ground fault protection / tripping switchable / 12t=ON/OFF       No         Mechanical Design       140 mm         height [in]       5.51 in         Height       140 mm         width [in]       3 in         Width       76.2 mm         depth [in]       3.01 in         depth       76.5 mm         Connections       arrangement of electrical connectors / for main current circuit         type of electrical connectors / for main current circuit       nut keeper kit on both ends         Type of connectable conductor cross-section, connection screw, width x thickness , min.       12 x 1 mm         Type of connectable conductor cross-section, connection screw, width x thickness , max.       17 x 6.5 mm         Auxiliary circuit       product component       17 x 6.5 mm         • undervoltage release       No       voltage trigger         • voltage trigger       No       No         • undervoltage release       No       No         • voltage trigger       No       Accessories         product extension / optional / motor drive       Yes         Environmental conditions       IP40         ambient temperature       -25 °C         • during operation / maximum       70 °C         • during operation / maximum       -25 °C <td></td> <td></td>		
Mechanical Design         height [in]       5.51 in         Height       140 mm         width [in]       3 in         Width       76.2 mm         depth [in]       3.01 in         depth       76.5 mm         Connections       arrangement of electrical connectors / for main current circuit         type of electrical connection / for main current circuit       Front connection         Type of connectable conductor cross-section, connection screw, width x thickness , min.       12 x 1 mm         Type of connectable conductor cross-section, connection screw, width x thickness , min.       17 x 6.5 mm         Type of connectable conductor cross-section, connection screw, width x thickness , max.       17 x 6.5 mm         Auxiliary circuit       product component         o undervoltage release       No         o voltage trigger       No         o trip indicator       No         number of CO contacts / for auxiliary contacts       0         Accessories       product extension / optional / motor drive         Protection class IP / on the front       IP40         ambient temperature       -25 °C         o during operation / maximum       70 °C         o during operation / maximum       -40 °C		
height [in]       5.51 in         Height       140 mm         width [in]       3 in         Width       76.2 mm         depth [in]       3.01 in         depth       76.5 mm         Connections         arrangement of electrical connectors / for main current circuit         type of electrical connectors / for main current circuit       Front connection         Type of connectable conductor cross-section, connection screw, width x thickness , min.       12 x 1 mm         Type of connectable conductor cross-section, connection screw, width x thickness , max.       17 x 6.5 mm         Auxiliary circuit       roduct component       17 x 6.5 mm         • undervoltage release       No         • voltage trigger       No         • trip indicator       No         number of CO contacts / for auxiliary contacts       0         Accessories       Product extension / optional / motor drive       Yes         Environmental conditions       IP40         ambient temperature       -25 °C         • during operation / maximum       -25 °C         • during operation / maximum       -20 °C		No
Height       140 mm         width [in]       3 in         Width       76.2 mm         depth [in]       3.01 in         depth       76.5 mm         Connections         arrangement of electrical connectors / for main current circuit         type of electrical connection / for main current circuit       Tut keeper kit on both ends         Type of connectable conductor cross-section, connection screw, width x thickness , min.       12 x 1 mm         Type of connectable conductor cross-section, connection screw, width x thickness , max.       17 x 6.5 mm         Automatication of the mean stream		
width [in]       3 in         Width       76.2 mm         depth [in]       3.01 in         depth       76.5 mm         Connections         arrangement of electrical connectors / for main current circuit         type of electrical connectors / for main current circuit       Front connection         Type of connectable conductor cross-section, connection screw, width x thickness , min.       12 x 1 mm         Type of connectable conductor cross-section, connection screw, width x thickness , max.       17 x 6.5 mm         Auxiliary circuit       product component         • undervoltage release       No         • trip indicator       No         number of CO contacts / for auxiliary contacts       0         Accessories       Product extension / optional / motor drive         product extension / optional / motor drive       Yes         Environmental conditions       IP40         ambient temperature       -during operation / minimum         • during operation / minimum       -25 °C         • during operation / minimum       -40 °C		
Width       76.2 mm         depth [in]       3.01 in         depth       76.5 mm         Connections         arrangement of electrical connectors / for main current circuit       Front connection         type of electrical connector / for main current circuit       nut keeper kit on both ends         Type of connectable conductor cross-section, connection screw, width x thickness , min.       12 x 1 mm         Type of connectable conductor cross-section, connection screw, width x thickness , max.       17 x 6.5 mm         Auxiliary circuit         product component       No         • undervoltage release       No         • voltage trigger       No         outer voltage trigger       No         number of CO contacts / for auxiliary contacts       0         Accessories       0         product extension / optional / motor drive       Yes         Environmental conditions       IP40         ambient temperature       e during operation / minimum         • during operation / minimum       -25 °C         • during operation / minimum       -40 °C		
depth [in]       3.01 in         depth       76.5 mm         Connections       Front connection         arrangement of electrical connectors / for main current circuit       Front connection         type of electrical connector / for main current circuit       nut keeper kit on both ends         Type of connectable conductor cross-section, connection screw, width x thickness , min.       12 x 1 mm         Type of connectable conductor cross-section, connection screw, width x thickness , max.       17 x 6.5 mm         Auxiliary circuit       Product component       17 x 6.5 mm         product component       No       No         • undervoltage release       No       No         number of CO contacts / for auxiliary contacts       0       Accessories         product extension / optional / motor drive       Yes       Environmental conditions         protection class IP / on the front       IP40       ambient temperature         • during operation / maximum       -25 °C       °C         • during operation / maximum       -25 °C       °C         • during operation / maximum       -40 °C       °C		
depth       76.5 mm         Connections       arrangement of electrical connectors / for main current circuit         type of electrical connection / for main current circuit       nut keeper kit on both ends         Type of connectable conductor cross-section, connection screw, width x thickness , min.       12 x 1 mm         Type of connectable conductor cross-section, connection screw, width x thickness , max.       17 x 6.5 mm         Auxiliary circuit       17 x 6.5 mm         product component       0         • undervoltage release       No         • voltage trigger       No         • trip indicator       No         number of CO contacts / for auxiliary contacts       0         Accessories       Product extension / optional / motor drive       Yes         Environmental conditions       IP40         ambient temperature       -25 °C         • during operation / minimum       -25 °C         • during operation / minimum       -40 °C		
Connections           arrangement of electrical connectors / for main current circuit         Front connection           type of electrical connection / for main current circuit         nut keeper kit on both ends           Type of connectable conductor cross-section, connection screw, width x thickness , min.         12 x 1 mm           Type of connectable conductor cross-section, connection screw, width x thickness , max.         17 x 6.5 mm           Auxiliary circuit         17 x 6.5 mm           product component         No           • undervoltage release         No           • voltage trigger         No           • trip indicator         No           number of CO contacts / for auxiliary contacts         0           Accessories         Ves           product extension / optional / motor drive         Yes           Environmental conditions         IP40           ambient temperature         eduring operation / minimum           • during operation / minimum         -25 °C           • during storage / minimum         -40 °C		
arrangement of electrical connectors / for main current circuit       Front connection         type of electrical connection / for main current circuit       nut keeper kit on both ends         Type of connectable conductor cross-section, connection screw, width x thickness , min.       12 x 1 mm         Type of connectable conductor cross-section, connection screw, width x thickness , max.       17 x 6.5 mm         Auxiliary circuit       17 x 6.5 mm         product component       0         • undervoltage release       No         • voltage trigger       No         • trip indicator       No         number of CO contacts / for auxiliary contacts       0         Accessories       Product extension / optional / motor drive         protection class IP / on the front       IP40         ambient temperature       -25 °C         • during operation / maximum       -25 °C         • during operation / maximum       -40 °C	•	
Type of connectable conductor cross-section, connection screw, width x thickness , min.       12 x 1 mm         Type of connectable conductor cross-section, connection screw, width x thickness , max.       17 x 6.5 mm         Auxiliary circuit       17 x 6.5 mm         product component       0         • undervoltage release       No         • voltage trigger       No         • trip indicator       No         number of CO contacts / for auxiliary contacts       0         Accessories       Product extension / optional / motor drive         protection class IP / on the front       IP40         ambient temperature       -25 °C         • during operation / maximum       -25 °C         • during storage / minimum       -40 °C	arrangement of electrical connectors / for main current	Front connection
screw, width x thickness , min.       17 x 6.5 mm         Type of connectable conductor cross-section, connection screw, width x thickness , max.       17 x 6.5 mm         Auxiliary circuit       Image: screw, width x thickness , max.         Auxiliary circuit       Image: screw, width x thickness , max.         product component       Image: screw, width x thickness , max.         Image: screw, width x thickness , max.       Image: screw, width x thickness , max.         Auxiliary circuit       Image: screw, width x thickness , max.         Image: screw, width x thickness , max.       Image: screw, width x thickness , max.         Auxiliary circuit       Image: screw, width x thickness , max.         Image: screw, width x thickness , max.       Image: screw, width x thickness , max.         Image: screw, width x thickness , max.       Image: screw, width x thickness , max.         Image: screw, width x thickness , max.       Image: screw, width x thickness , max.         Image: screw, width x thickness , max.       Image: screw, width x thickness , max.         Image: screw, width x thickness , max.       Image: screw, width x thickness , max.         Image: screw, width x thickness , max.       Image: screw, width x thickness , max.         Image: screw, width x thickness , max.       Image: screw, width x thickness , max.         Image: screw, width x thickness , max.       Image: screw, width x thickness , max.	type of electrical connection / for main current circuit	nut keeper kit on both ends
screw, width x thickness , max.         Auxiliary circuit         product component         • undervoltage release       No         • voltage trigger       No         • trip indicator       No         number of CO contacts / for auxiliary contacts       0         Accessories       0         product extension / optional / motor drive       Yes         Environmental conditions       IP40         ambient temperature       -25 °C         • during operation / minimum       -25 °C         • during operation / maximum       70 °C         • during storage / minimum       -40 °C	screw, width x thickness , min.	12 x 1 mm
product component       No         • undervoltage release       No         • voltage trigger       No         • trip indicator       No         number of CO contacts / for auxiliary contacts       0         Accessories       0         product extension / optional / motor drive       Yes         Environmental conditions       IP40         ambient temperature       -25 °C         • during operation / minimum       -25 °C         • during operation / maximum       70 °C         • during storage / minimum       -40 °C	screw, width x thickness , max.	17 x 6.5 mm
• undervoltage releaseNo• voltage triggerNo• trip indicatorNonumber of CO contacts / for auxiliary contacts0Accessoriesproduct extension / optional / motor driveYesEnvironmental conditionsprotection class IP / on the frontIP40ambient temperature-25 °C• during operation / maximum70 °C• during storage / minimum-40 °C		
• voltage triggerNo• trip indicatorNonumber of CO contacts / for auxiliary contacts0AccessoriesVesproduct extension / optional / motor driveYesEnvironmental conditionsIP40ambient temperature-25 °C• during operation / minimum-25 °C• during operation / maximum70 °C• during storage / minimum-40 °C		
• trip indicator       No         number of CO contacts / for auxiliary contacts       0         Accessories       0         product extension / optional / motor drive       Yes         Environmental conditions       IP40         ambient temperature       -25 °C         • during operation / minimum       -25 °C         • during operation / maximum       70 °C         • during storage / minimum       -40 °C	-	
number of CO contacts / for auxiliary contacts       0         Accessories		
Accessories         product extension / optional / motor drive       Yes         Environmental conditions       IP40         ambient temperature       IP40         • during operation / minimum       -25 °C         • during operation / maximum       70 °C         • during storage / minimum       -40 °C	· · ·	
product extension / optional / motor drive       Yes         Environmental conditions       IP40         ambient temperature       IP40         • during operation / minimum       -25 °C         • during operation / maximum       70 °C         • during storage / minimum       -40 °C		0
Environmental conditions         protection class IP / on the front       IP40         ambient temperature       -25 °C         • during operation / minimum       -25 °C         • during operation / maximum       70 °C         • during storage / minimum       -40 °C		Vos
protection class IP / on the front       IP40         ambient temperature       -25 °C         • during operation / minimum       -25 °C         • during operation / maximum       70 °C         • during storage / minimum       -40 °C		
ambient temperature     -25 °C       • during operation / minimum     -25 °C       • during operation / maximum     70 °C       • during storage / minimum     -40 °C		IP40
• during operation / minimum-25 °C• during operation / maximum70 °C• during storage / minimum-40 °C		
<ul> <li>during operation / maximum</li> <li>during storage / minimum</li> <li>-40 °C</li> </ul>		-25 °C
• during storage / minimum -40 °C		

Certificates						
reference code / accord	ding to IEC 81346-2		Q			
General Product App	roval	EMC		Marine / Shipping	other	
<u>Confirmation</u>		RCM	•	ABS	<u>Miscellaneous</u>	

#### Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/lowvoltage/catalogs

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3VA5135-4EC32-0AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3VA5135-4EC32-0AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

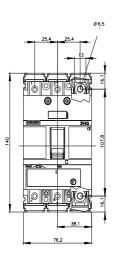
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VA5135-4EC32-0AA0

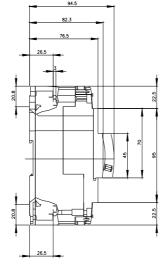
#### CAx-Online-Generator

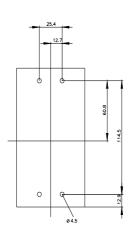
http://www.siemens.com/cax

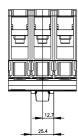
Tender specifications

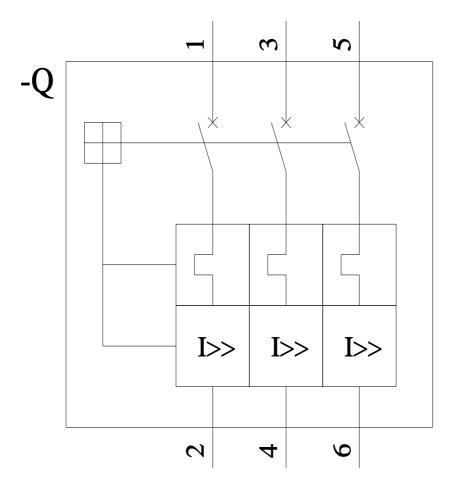
http://www.siemens.com/specifications

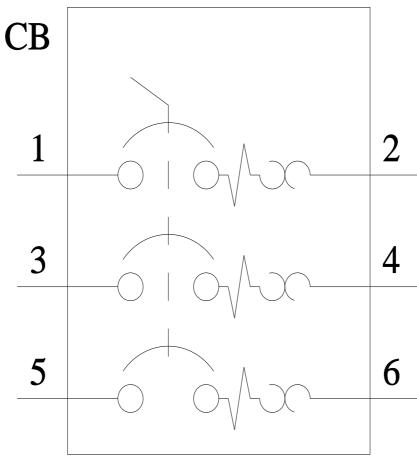












last modified:

7/14/2022 🖸